IN THE CLAIMS:

1. (Currently amended) A medical electrical lead comprising an elongated conductor including one or more wires made of a modified MP35N alloy;

wherein the alloy ~~is~~ being formed from a melt composition modified to reduce an amount of titanium-based inclusion forming elements;

wherein the inclusion forming elements include titanium and the modification of the melt composition includes eliminating the titanium as an additive to the melt composition; and

wherein the alloy comprises less than approximately .001% titanium by weight.

2. Cancelled

3. Cancelled

4. (Currently amended) ~~The medical electrical lead of claim 1,~~ A medical electrical lead comprising an elongated conductor including one or more wires made of a modified MP35N alloy;

wherein the alloy being formed from a melt composition modified to reduce an amount of titanium-based inclusion forming elements; and

wherein the inclusion forming elements include a gaseous oxygen and nitrogen and the modification of the melt composition includes eliminating the gaseous oxygen and nitrogen under high vacuum conditions.

5. (Currently amended) The medical electrical lead of claim 1, wherein the conductor ~~is~~ being a coiled conductor.

6. (Currently amended) The medical electrical lead of claim 1, wherein the conductor ~~is~~ being a cabled conductor.

7. (Currently amended) The medical electrical lead of claim 1, wherein a minimum diameter of the one or more wires ~~is~~ being between approximately 0.0005 inch and approximately 0.01 inch.

8. (Currently amended) The medical electrical lead of claim 7, wherein a minimum diameter of the one or more wires ~~is~~ being between approximately 0.0005 inch and approximately 0.003 inch.

9. (Currently amended) A medical electrical lead comprising an elongated conductor including one or more wires made of a modified MP35N alloy;

wherein the alloy ~~contains~~ comprises less than approximately .001% titanium by weight.

10. (Currently amended) The medical electrical lead of claim 9, wherein the conductor ~~is~~ being a coiled conductor.

11. (Currently amended) The medical electrical lead of claim 9, wherein the conductor ~~is~~ being a cabled conductor.

12. (Currently amended) The medical electrical lead of claim 9, wherein a minimum diameter of the one or more wires ~~is~~ being between approximately 0.0005 inch and approximately 0.01 inch.

13. (Currently amended) The medical electrical lead of claim 12, wherein a minimum diameter of the one or more wires ~~is~~ being between approximately 0.0005 inch and approximately 0.003 inch.

14. (Currently amended) A medical electrical lead comprising a conductor including one or more wires made of an MP35N alloy;

wherein the one or more wires ~~contain~~ comprise titanium-based inclusions, an average number of which ~~is~~ being less than 100,000 per square inch

15. (Original) The medical electrical lead of claim 14, wherein the average number of titanium-based inclusions have a maximum diameter not exceeding approximately one micron.

16. (Currently amended) The medical electrical lead of claim 14, wherein the conductor ~~is~~ being a coiled conductor.

17. (Currently amended) The medical electrical lead of claim 14, wherein the conductor ~~is~~ being a cabled conductor.

18. (Currently amended) The medical electrical lead of claim 14, wherein a minimum diameter of the one or more wires ~~is~~ being between approximately 0.0005 inch and approximately 0.01 inch.

19. (Currently amended) The medical electrical lead of claim 18, wherein a minimum diameter of the one or more wires ~~is~~ being between approximately 0.0005 inch and approximately 0.003 inch.

Please ADD the following NEW claim:

20. (New) A medical electrical lead comprising an elongated conductor including one or more wires made of a modified MP35N alloy; the alloy being formed from a melt composition modified to reduce an amount of titanium-based inclusion forming elements;

wherein the inclusion forming elements include titanium, gaseous oxygen and nitrogen and the modification of the melt composition comprises eliminating

the titanium as an additive to the melt composition and further comprises eliminating the gaseous oxygen and nitrogen under high vacuum conditions;

wherein the alloy comprises less than approximately .001% titanium by weight, and

wherein the one or more wires comprise titanium-based inclusions, an average number of which being less than 100,000 per square inch, having a maximum diameter not exceeding approximately one micron.